

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013124\
 Data File : BG060506.D
 Acq On : 31 Jan 2024 12:42
 Operator : MA/JU
 Sample : PB158653TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158653TB

Quant Time: Feb 01 00:10:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	138759	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	547020	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	439657	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1232099	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1129456	20.000	ng	0.00
86) Perylene-d12	24.732	264	1270374	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	986558	116.942	ng	0.00
7) Phenol-d6	7.088	99	1440026	115.274	ng	0.00
23) Nitrobenzene-d5	9.086	82	904723	78.098	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	880116	136.059	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2453069	77.573	ng	0.00
79) Terphenyl-d14	19.926	244	4444861	112.044	ng	0.00

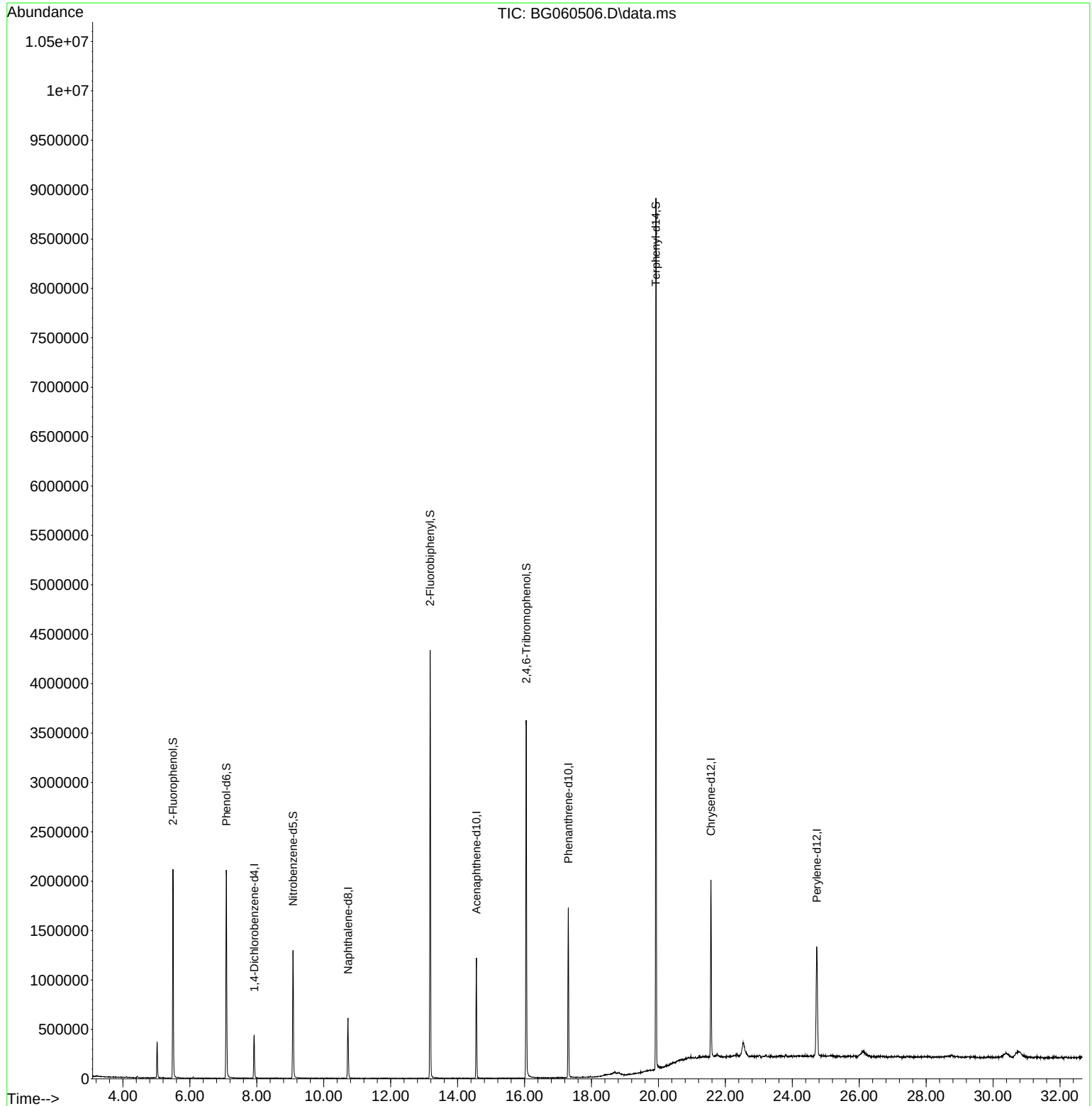
Target Compounds	Qvalue

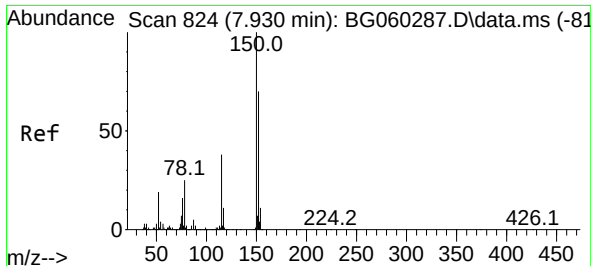
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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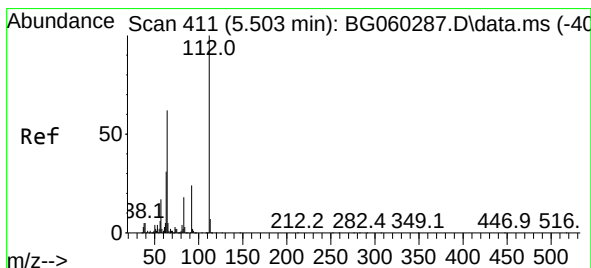
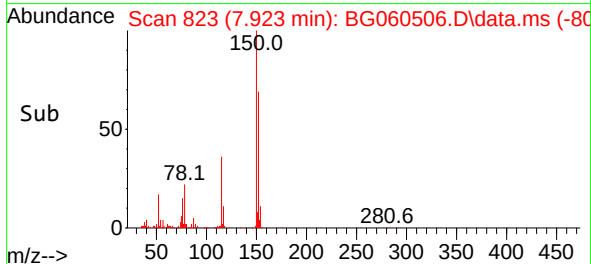
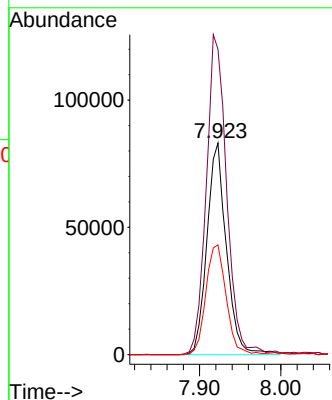
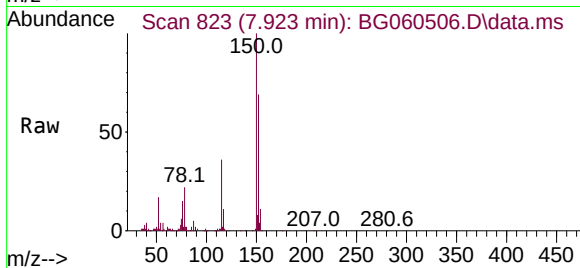




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060506.D
Acq: 31 Jan 2024 12:42

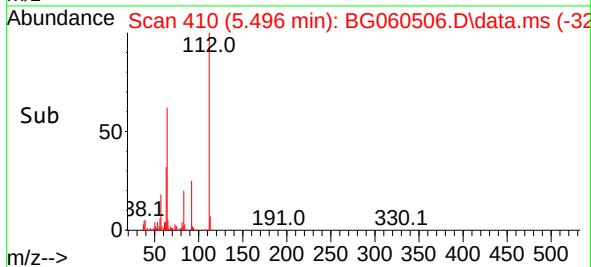
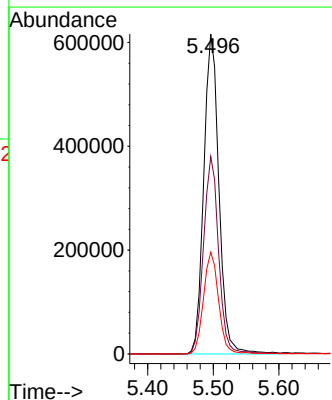
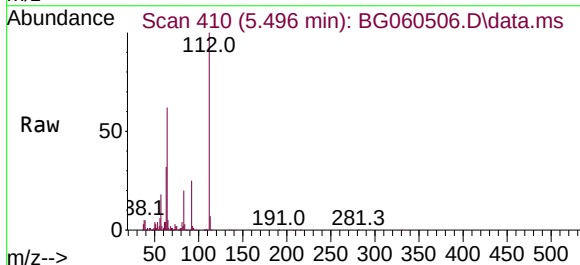
Instrument :
BNA_G
ClientSampleId :
PB158653TB

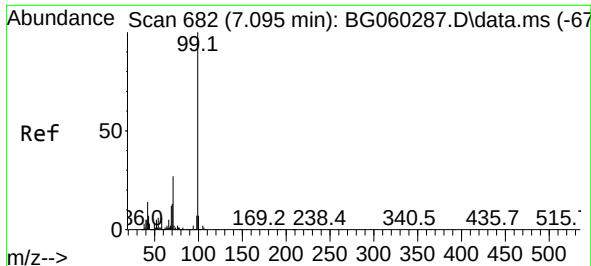
Tgt Ion:152 Resp: 138759
Ion Ratio Lower Upper
152 100
150 144.3 114.5 171.7
115 51.8 43.0 64.6



#5
2-Fluorophenol
Concen: 116.942 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.007 min
Lab File: BG060506.D
Acq: 31 Jan 2024 12:42

Tgt Ion:112 Resp: 986558
Ion Ratio Lower Upper
112 100
64 61.7 49.8 74.6
63 31.8 24.4 36.6

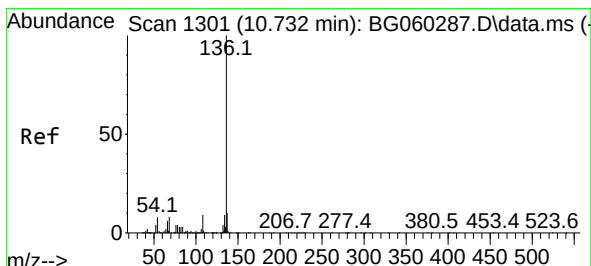
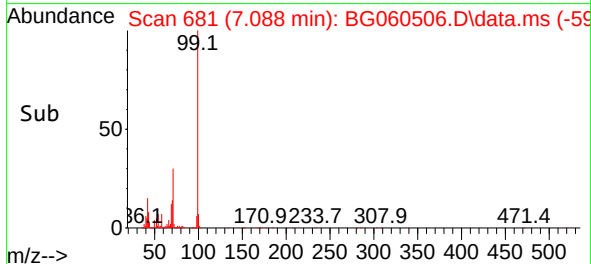
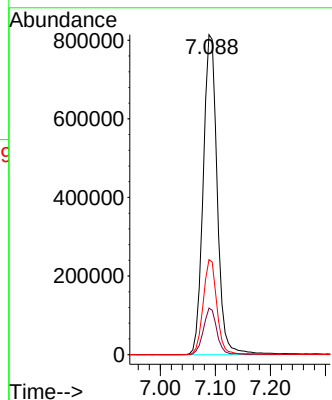
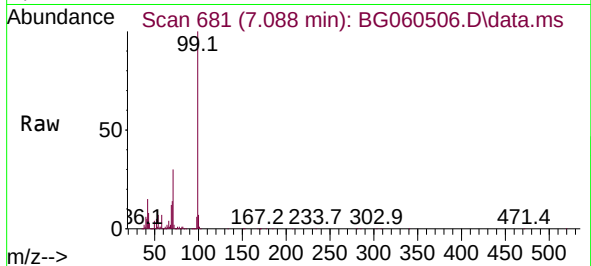




#7
Phenol-d6
Concen: 115.274 ng
RT: 7.088 min Scan# 681
Delta R.T. -0.007 min
Lab File: BG060506.D
Acq: 31 Jan 2024 12:42

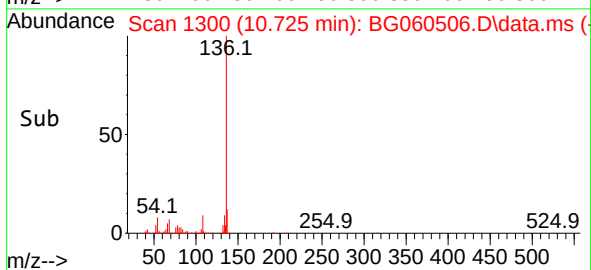
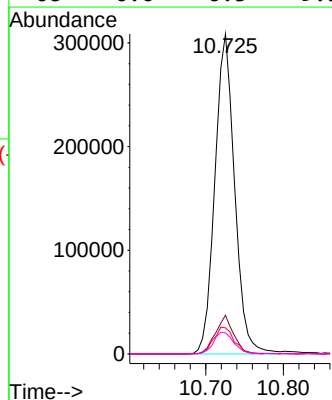
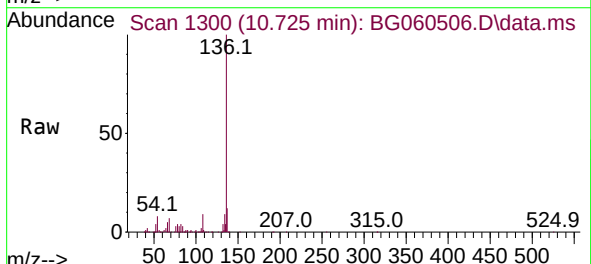
Instrument :
BNA_G
ClientSampleId :
PB158653TB

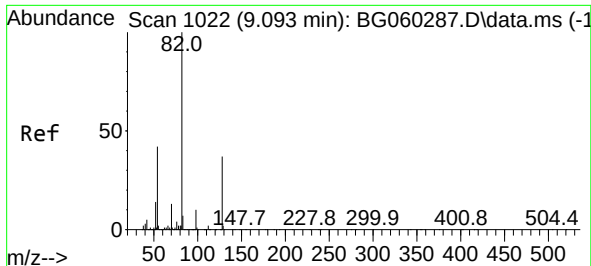
Tgt Ion: 99 Resp: 1440026
Ion Ratio Lower Upper
99 100
42 14.5 10.9 16.3
71 29.7 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1300
Delta R.T. -0.007 min
Lab File: BG060506.D
Acq: 31 Jan 2024 12:42

Tgt Ion:136 Resp: 547020
Ion Ratio Lower Upper
136 100
137 12.1 8.2 12.4
54 8.1 6.2 9.2
68 6.6 6.3 9.5





#23

Nitrobenzene-d5

Concen: 78.098 ng

RT: 9.086 min Scan# 1021

Delta R.T. -0.007 min

Lab File: BG060506.D

Acq: 31 Jan 2024 12:42

Instrument :

BNA_G

ClientSampleId :

PB158653TB

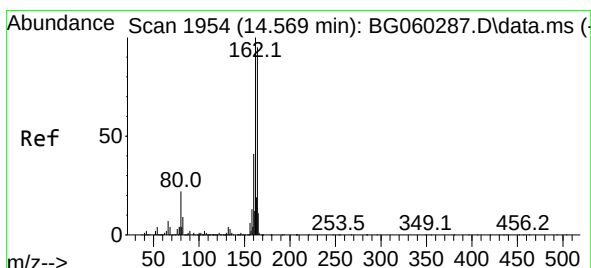
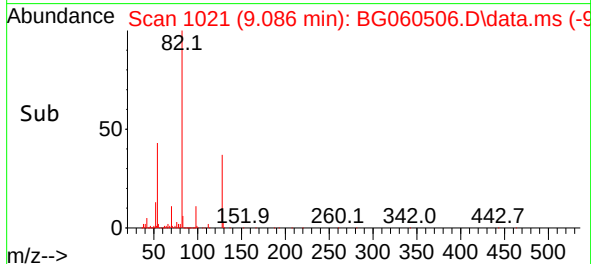
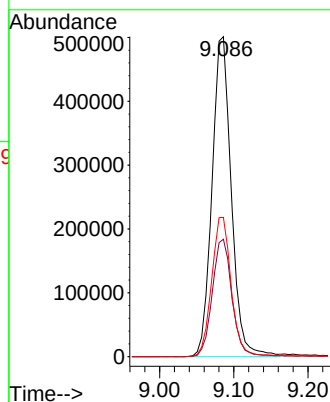
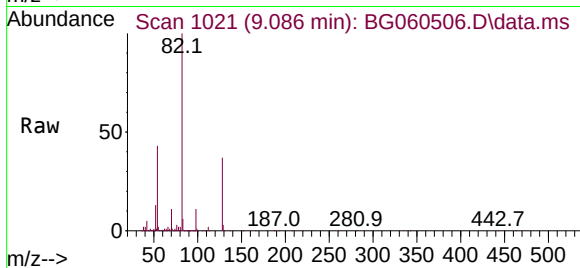
Tgt Ion: 82 Resp: 904723

Ion Ratio Lower Upper

82 100

128 36.7 29.6 44.4

54 43.5 33.6 50.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.562 min Scan# 1953

Delta R.T. -0.007 min

Lab File: BG060506.D

Acq: 31 Jan 2024 12:42

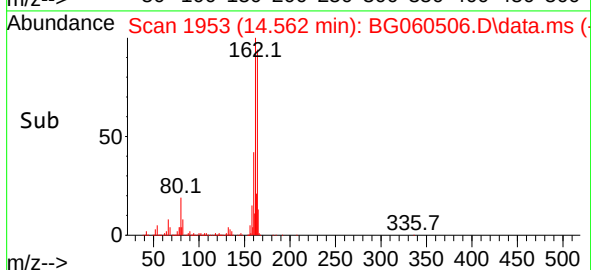
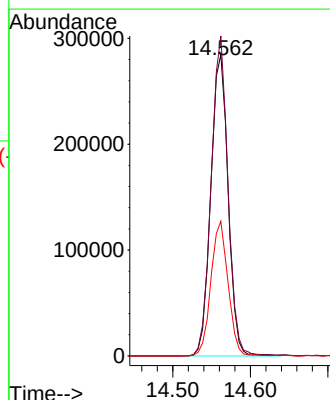
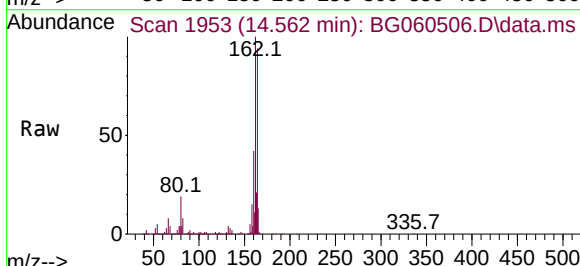
Tgt Ion:164 Resp: 439657

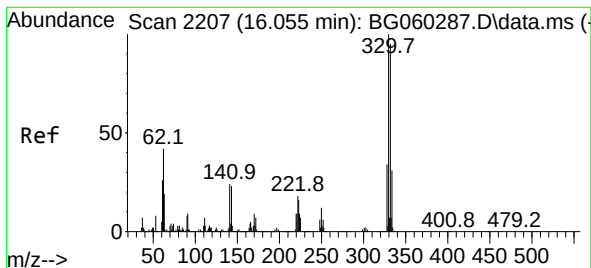
Ion Ratio Lower Upper

164 100

162 106.2 84.4 126.6

160 44.7 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 136.059 ng

RT: 16.054 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060506.D

Acq: 31 Jan 2024 12:42

Instrument :

BNA_G

ClientSampleId :

PB158653TB

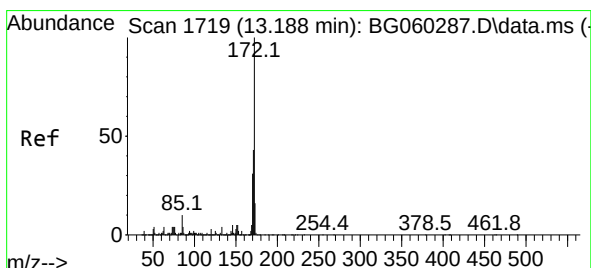
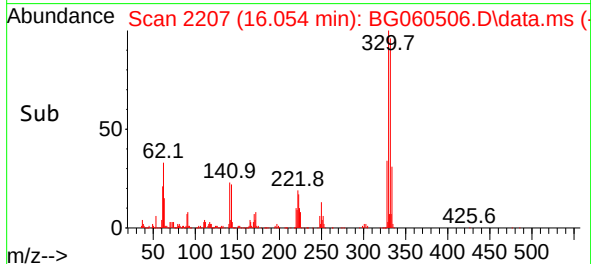
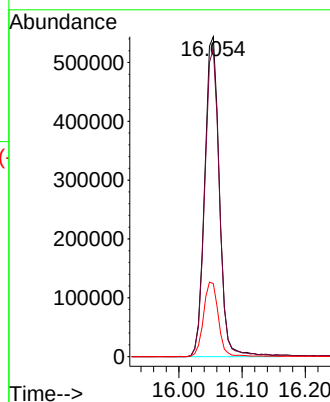
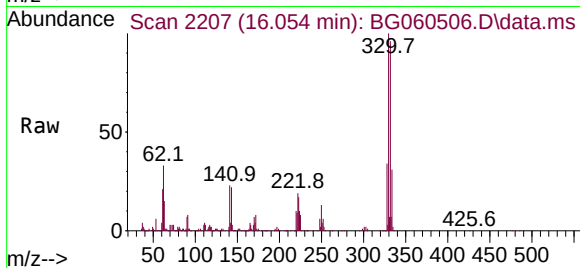
Tgt Ion:330 Resp: 880116

Ion Ratio Lower Upper

330 100

332 95.8 76.7 115.1

141 23.6 18.6 28.0



#45

2-Fluorobiphenyl

Concen: 77.573 ng

RT: 13.181 min Scan# 1718

Delta R.T. -0.007 min

Lab File: BG060506.D

Acq: 31 Jan 2024 12:42

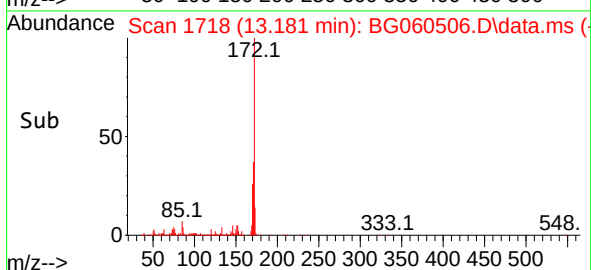
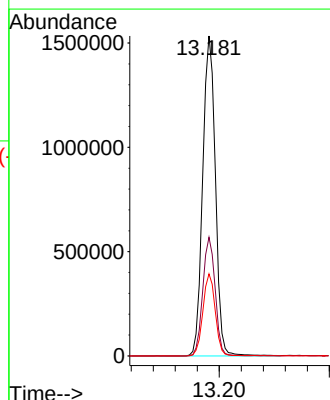
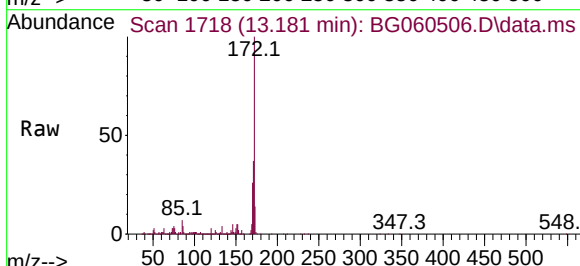
Tgt Ion:172 Resp: 2453069

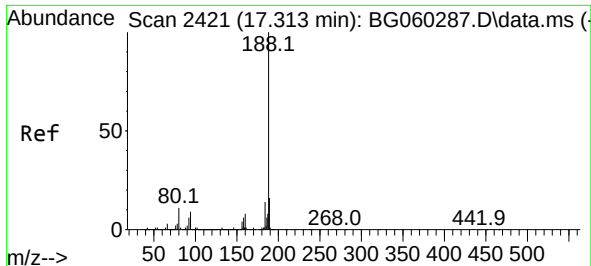
Ion Ratio Lower Upper

172 100

171 37.1 34.6 51.8

170 25.6 24.4 36.6

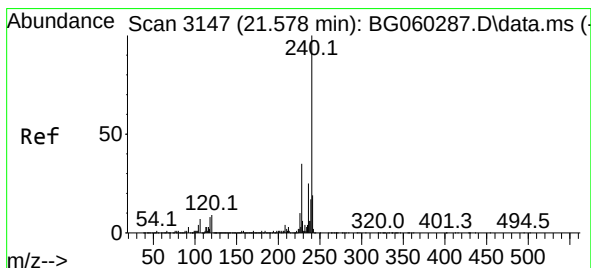
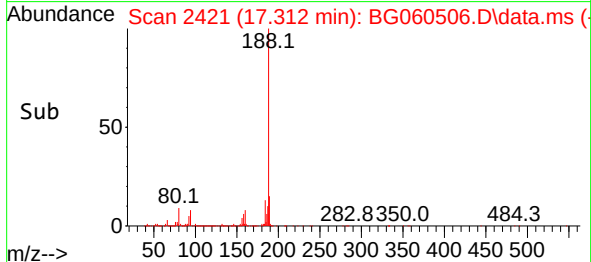
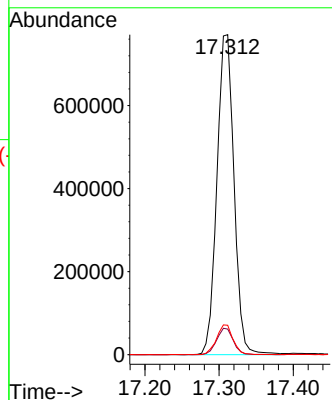
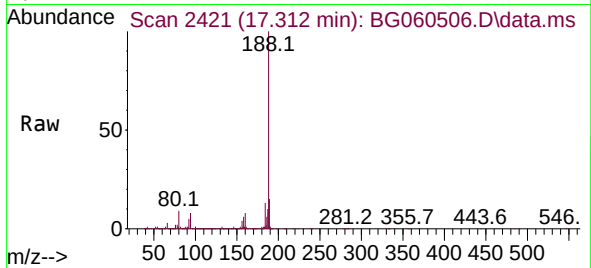




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BG060506.D
Acq: 31 Jan 2024 12:42

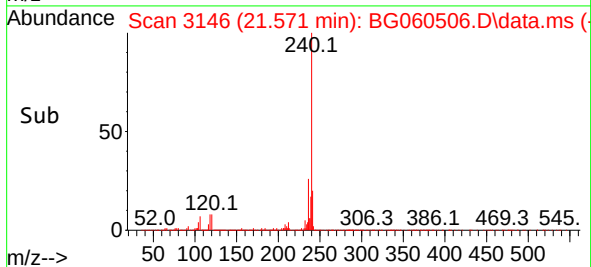
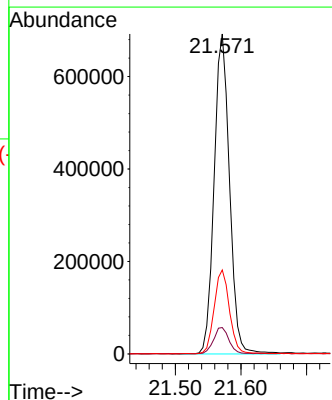
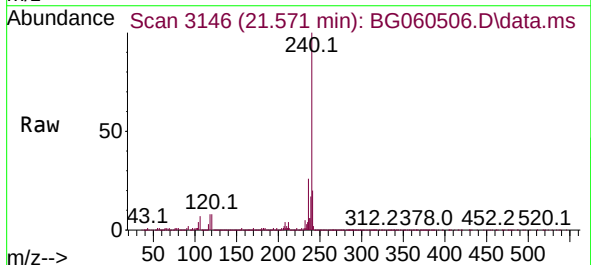
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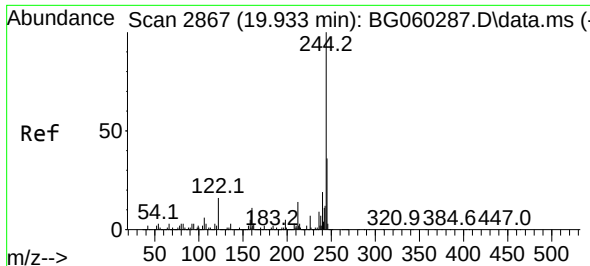
Tgt Ion:188 Resp: 1232099
Ion Ratio Lower Upper
188 100
94 8.0 7.1 10.7
80 9.2 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BG060506.D
Acq: 31 Jan 2024 12:42

Tgt Ion:240 Resp: 1129456
Ion Ratio Lower Upper
240 100
120 8.2 7.3 10.9
236 26.2 20.3 30.5

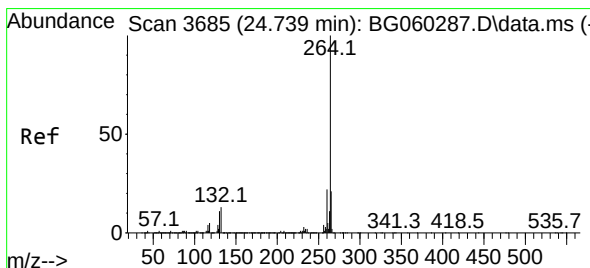
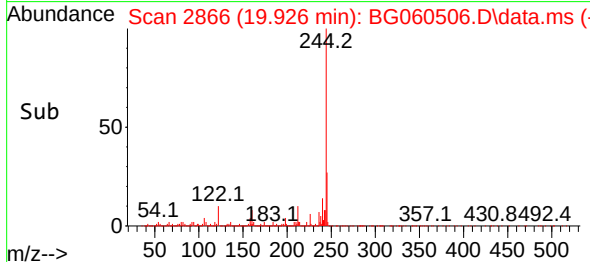
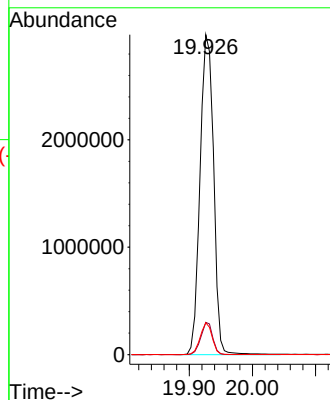
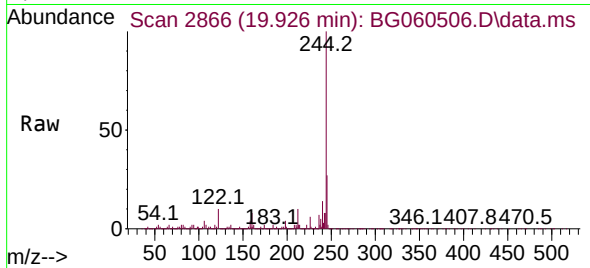




#79
 Terphenyl-d14
 Concen: 112.044 ng
 RT: 19.926 min Scan# 2866
 Delta R.T. -0.007 min
 Lab File: BG060506.D
 Acq: 31 Jan 2024 12:42

Instrument :
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Tgt Ion:244 Resp: 4444861
 Ion Ratio Lower Upper
 244 100
 212 10.1 10.9 16.3#
 122 10.0 12.6 18.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.732 min Scan# 3684
 Delta R.T. -0.007 min
 Lab File: BG060506.D
 Acq: 31 Jan 2024 12:42

Tgt Ion:264 Resp: 1270374
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.8 26.6
 265 21.9 16.8 25.2

